

**IN THE CLAIMS**

Please amend claim 7 as shown below.

1. *(Cancelled)*

2. *(Cancelled)*

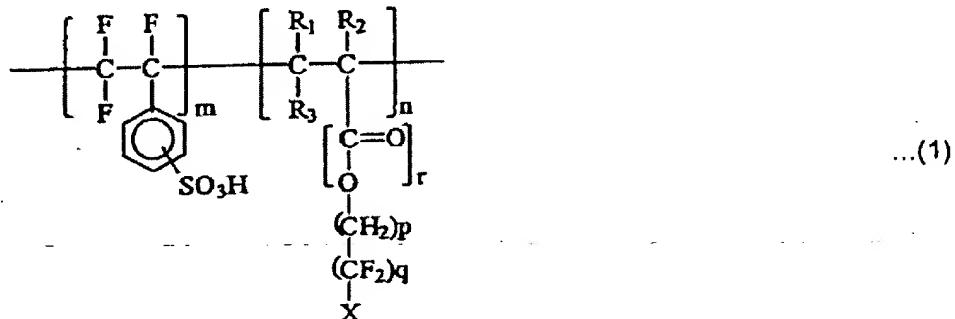
3. *(Cancelled)*

4. *(Cancelled)*

5. *(Cancelled)*

6. *(Cancelled)*

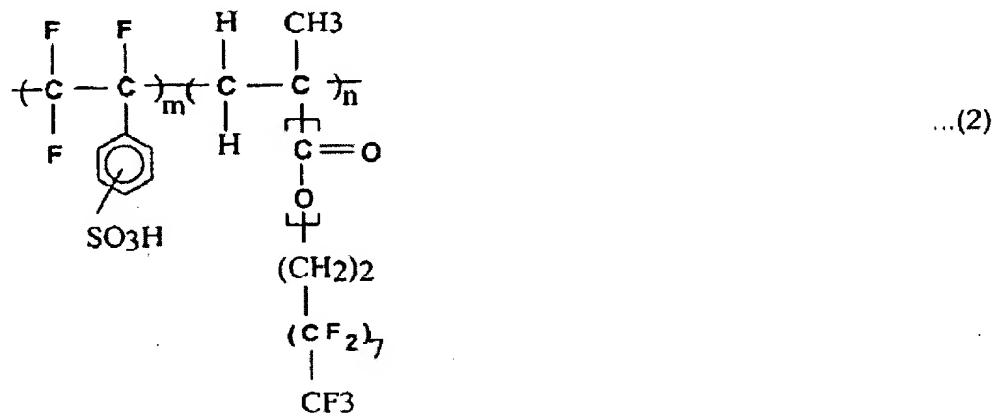
7. *(Currently Amended)* An ionic conductive polymer membrane comprising a partially fluorinated copolymer having formula (1):

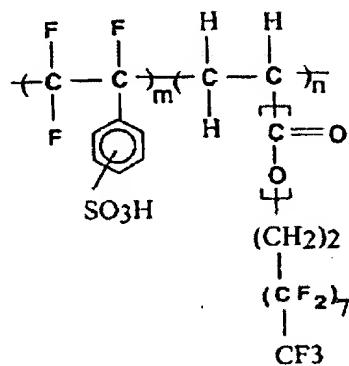


wherein each of R<sub>1</sub>, R<sub>2</sub> and R<sub>3</sub> independently is selected from the group consisting of [F, ] H and CH<sub>3</sub>; X is a hydroxy group or a trifluoromethyl group; m is an integer greater than zero; n is an integer greater than zero; and p, q and r are zero or integers greater than zero.

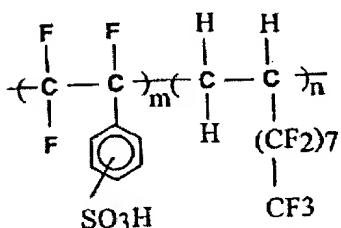
8. (Original) The ionic conductive polymer membrane of claim 7, wherein, in formula (1),  $m$  is an integer from 1 to 50,  $n$  is an integer from 1 to 50;  $p$  is zero or an integer from 1 to 12; and  $q$  is zero or an integer from 1 to 12.

9. (Original) The ionic conductive polymer membrane of claim 7, wherein the partially fluorinated copolymer having formula (1) is a compound having one selected from formulas (2) to (5):

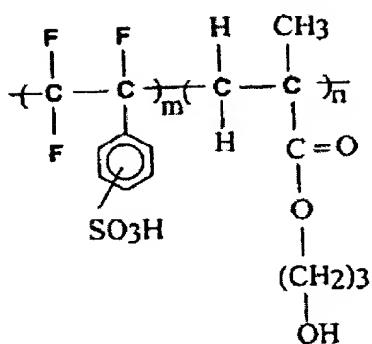




... (3)



... (4)



... (5)

where  $m$  is an integer from 1 to 50; and  $n$  is an integer from 1 to 50.

10. (Original) The ionic conductive polymer membrane of claim 7, wherein the partially fluorinated copolymer having formula (1) has a weight average molecular weight of about 30,000 to about 500,000.

11. (Original) The ionic conductive polymer membrane of claim 7, wherein the partially fluorinated copolymer is partially crosslinked using a crosslinking agent.

12. *(Original)* The ionic conductive polymer membrane of claim 5, wherein the crosslinking agent comprises at least one selected from the group consisting of divinyl benzene, diallyl ether, triallyl ether, diglycidyl ether and ethylene glycol dimethacrylate.

13. *(Cancelled)*
14. *(Cancelled)*
15. *(Cancelled)*
16. *(Cancelled)*
17. *(Cancelled)*
18. *(Cancelled)*